

#3873
α

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

August 15, 2011

TO: Internal File *OC7*

THRU: Ingrid Campbell, Biologist and Team Lead *UC*

FROM: James Owen, Engineer *JO*

RE: Updated Surface Maps, West Ridge Resources, Inc., West Ridge Mine,
C/007/0041, Task # 3873

SUMMARY:

On July 19, 2011, the Division of Oil Gas & Mining received an application for an amendment to the West Ridge Mine MRP. The amendment will allow for the inclusion of two gas pumps located across from the shop and includes an extended culvert. The pumps are part of the methane extraction system. The applicant states that the units are skid mounted and mobile and therefore are not considered permanent installations for bonding purposes.

This memo addresses compliance with the engineering (R645-301-500) and bonding (R645-301-800) sections of the Utah Coal Mining Rules.

TECHNICAL MEMO

TECHNICAL ANALYSIS:

OPERATION PLAN

**SUPPORT FACILITIES AND UTILITY INSTALLATIONS, MAPS, PLANS,
AND CROSS SECTIONS OF MINING OPERATIONS**

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323. Regulatory
Reference: 30 CFR Sec. 784.30, 817.180, 817.181; R645-301-526.

Analysis:

Included with the application was an updated version of Map 5-5, Surface Facility Map and Map 7-2, Mine Site Drainage Map. Map 7-2 was not correctly certified.

Findings:

Contents and information provided are sufficient enough to meet the minimum requirements of this section of the Utah Coal Mining Rules, except for lack of correct certification on Map 7-2. The following deficiency was identified, but may be corrected with clean copies:

- **R645-301.512.** Map 7-2 requires proper certification.

RECLAMATION PLAN

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

Analysis:

No narrative was included for the surface facility that was installed.

Findings:

Contents and information provided are not sufficient enough to meet the minimum requirements of this section of the Utah Coal Mining Rules. The following deficiency was identified, but may be corrected with clean copies:

- **R645-301.830.140** The applicant must demonstrate using a narrative, photos, etc. that the installed units, including all culverts, drop boxes, piping, and all other portions of the extraction system are mobile and will not incur demolition costs that will affect bonding cost estimates. The Division does not have adequate information to determine if the surface facilities will affect bonding.

RECOMMENDATIONS:

The amendment is not recommended for approval at this time.